

Claims

1. Knocked-down air filter for internal combustion engine characterized by
5 parts of a filtering medium (7) and inner mesh (6) engaged by lower rubber (5) and upper rubber (8) acting as a binder so that filtering medium (7) and inner mesh (6) engaged integrally;
detachable lower housing (1), perforated plate (3),
10 reinforcing pile (4) and upper housing (9) which can be assembled, where parts of a filtering medium (7) and inner mesh (6) which have been engaged can be integrally formed into an air filter when combined with lower housing (1), perforated plate (3), reinforcing pile (4),
15 and upper housing (9) by means of locker (11).
2. Knocked-down air filter for internal combustion engine defined in claim 1 in which the binding between lower housing (1) and upper housing (9) is effected by a
20 perforated plate (3) by means of a hook-locking system.
3. Knocked-down air filter for internal combustion engine defined in claim 1 applying a clip-locking system.
- 25 4. Knocked-down air filter for internal combustion engine defined in claim 1 in which the binding between lower housing (1) and upper housing (9) is effected by a perforated plate (3) by means of a thread-locking system.
- 30 5. Knocked-down air filter for internal combustion engine defined in claim 1 with a reinforcing means in the form of a spiral.
- 35 6. Knocked-down air filter for internal combustion engine characterized by

parts of a filtering medium (7) and inner mesh (6) equipped with lower rubber (5) and upper rubber (8) which functions as a binder as well as stabilizer for the filtering medium (7) and its consistent shape;

5 detachable lower housing (1), perforated plate (3), inner mesh (6) and upper housing (9): where parts of a filtering medium (7), lower housing (1), perforated plate (3), inner mesh (6) and upper housing (9) can be assembled into an air filter by means of
10 locker (11).

7. Filtering medium (7) constituted by a plurality of upwardly extending folds made from filtering paper or other substances where rubbers are attached on upper and
15 lower parts thereof in order to stabilize the shape of the filtering medium.

8. Knocked-down air filter for internal combustion engine disclosed in claim 6 in which the engagement model
20 between lower housing (1) and upper housing (9) is effected by a perforated plate (3) and an inner mesh (6) using hook, clip and thread-locking systems.

9. Knocked-down air filter for internal combustion engine defined in claim 1 and claim 6 whose lower housing (1)
25 and upper housing (9) are engaged by a reinforcing means in the form of spiral or pile.

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AMENDED CLAIMS

[received by the International Bureau on 23 April 2003 (23.04.03);
original claims 1-9 replaced by new claims 1-10 (2 pages)]

1. Knocked-down air filter for internal combustion engine characterized by
 - 5 parts of a filtering medium (7) and inner mesh (6) engaged by lower rubber (5) and upper rubber (8) acting as a binder so that filtering medium (7) and inner mesh (6) engaged integrally;
detachable lower housing (1), perforated plate (3),
10 reinforcing pile (4) and upper housing (9) which can be assembled, where parts of a filtering medium (7) and inner mesh (6) which have been engaged can be integrally formed into an air filter when combined with lower housing (1), perforated plate (3), reinforcing pile (4),
15 and upper housing (9) by means of locker (11).
2. Knocked-down air filter for internal combustion engine defined in claim 1 in which the binding between lower housing (1) and upper housing (9) is effected by a
20 perforated plate (3) by means of a hook-locking system.
3. Knocked-down air filter for internal combustion engine defined in claim 1 applying a clip-locking system.
- 25 4. Knocked-down air filter for internal combustion engine defined in claim 1 in which the binding between lower housing (1) and upper housing (9) is effected by a perforated plate (3) by means of thread-locking system.
- 30 5. Knocked-down air filter for internal combustion engine defined in claim 1 with a reinforcing means in the form of a spiral.
- 35 6. Knocked-down air filter for internal combustion engine characterized by

parts of a filtering medium (7) and inner mesh (6) equipped with lower rubber (5) and upper rubber (8) which functions as a binder as well as stabilizer for the filtering medium (7) and its consistent shape;

5 detachable lower housing (1), perforated plate (3), inner mesh (6) and upper housing (9); where parts of a filtering medium (7), lower housing (1), perforated plate (3), inner mesh (6) and upper housing (9) can be assembled into an air filter by means of
10 locker (11).

7. Filtering medium (7) constituted by a plurality of upwardly extending folds made from filtering paper or other substances where rubbers are attached on upper
15 and lower parts thereof in order to stabilize the shape of the filtering medium.

8. Knocked-down air filter for internal combustion engine disclosed in claim 6 in which the engagement model
20 between lower housing (1) and upper housing (9) is effected by a perforated plate (3) and an inner mesh (6) using hook, clip and thread-locking systems.

9. Knocked-down air filter for internal combustion engine defined in claim 1 and claim 6 whose lower housing (1)
25 and upper housing (9) are engaged by a reinforcing means in the form of spiral or pile.

10. Knocked-down air filter for internal combustion engine defined in claim 6 where the folded body of the
30 filtering medium is provided with a plastic reinforcing substance wound as a ring around the filtering medium.

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